

US EPA RECORDS CENTER REGION 5



474021

# Superfund Site Overview

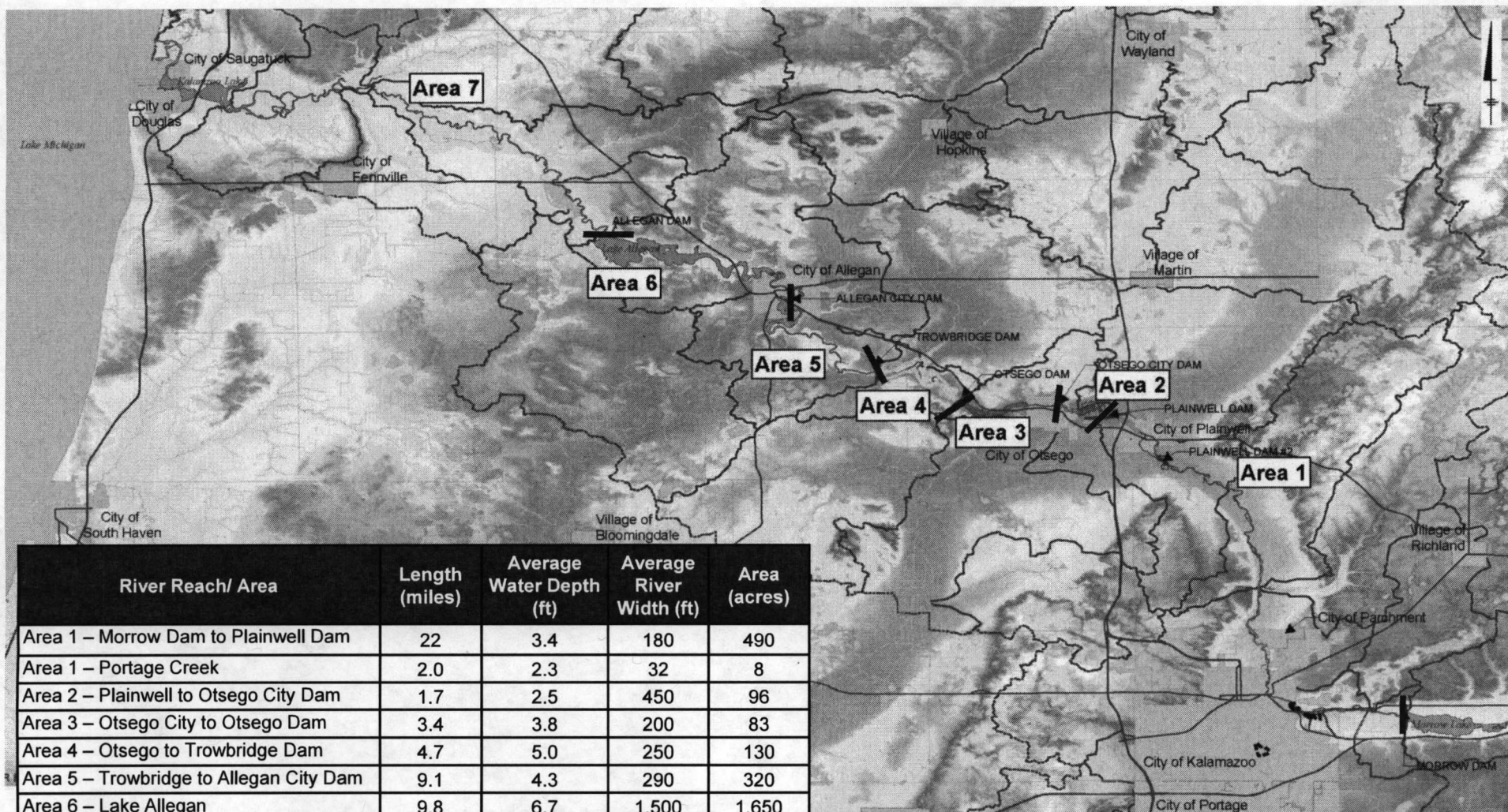
# Kalamazoo River Superfund Site:

## Fast Facts

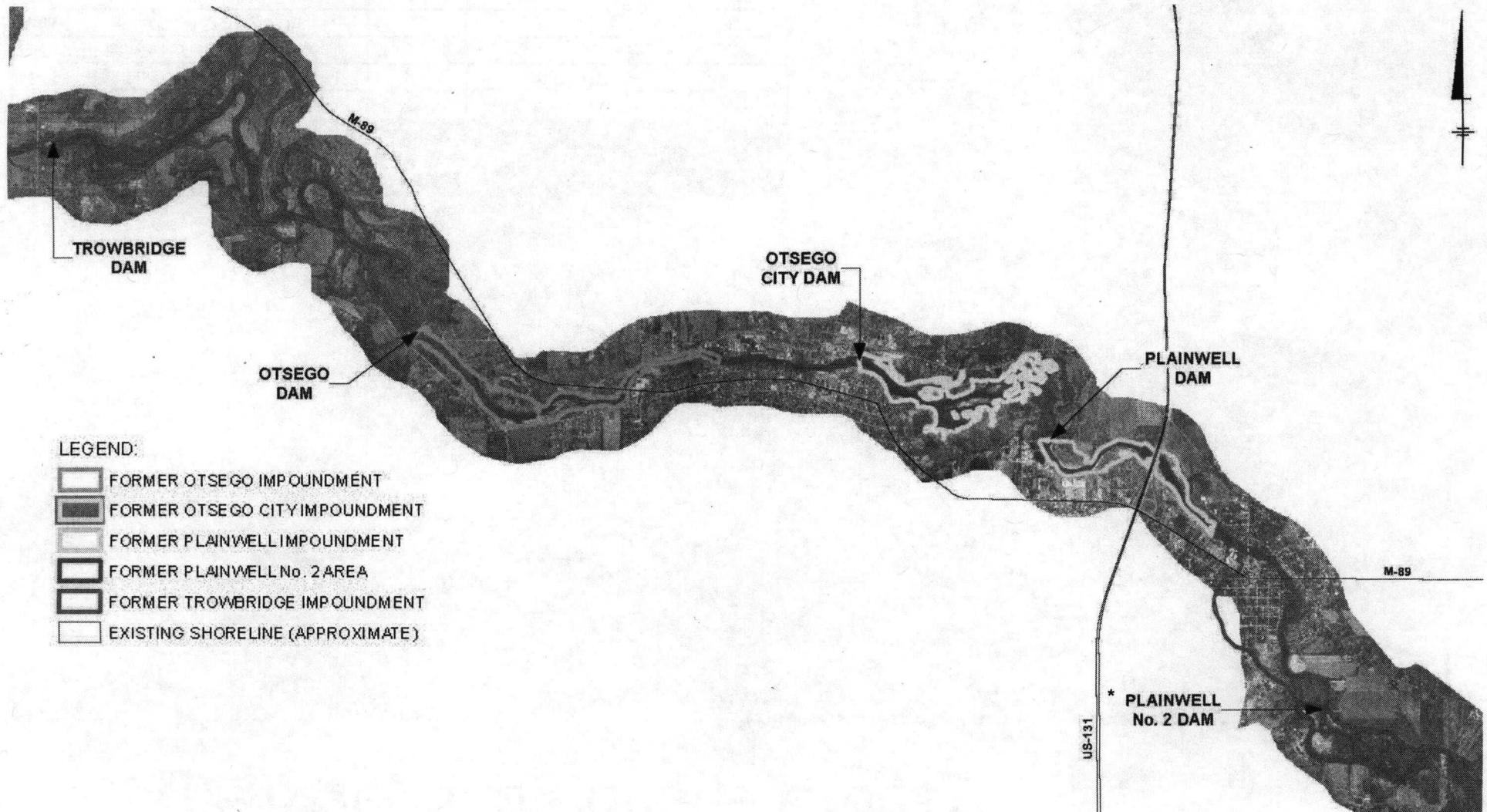
- Added to the National Priorities List in 1990
- Site spans nearly 80 miles of river in urban, rural, forested, agricultural, and marshland areas
- KRSG, USEPA, and State of Michigan investigations of the Site over the past 15 years have resulted in an extensive Site-specific database:
  - Sediment: 3000+ sediment cores, 7100+ sediment samples
  - Exposed Sediment: 1400 samples
  - Floodplain Soils: 1270 samples
  - Surface Water: 900+ samples
  - Biota: 2300+ samples
- There are fish consumption advisories in place for Portage Creek and the Kalamazoo River urging the public to avoid or restrict consumption of fish; however, according to the Michigan Department of Public Health "recreational activities and water sports on the river are safe to enjoy."



# Areas of Operable Unit 5 (The River and Portage Creek)

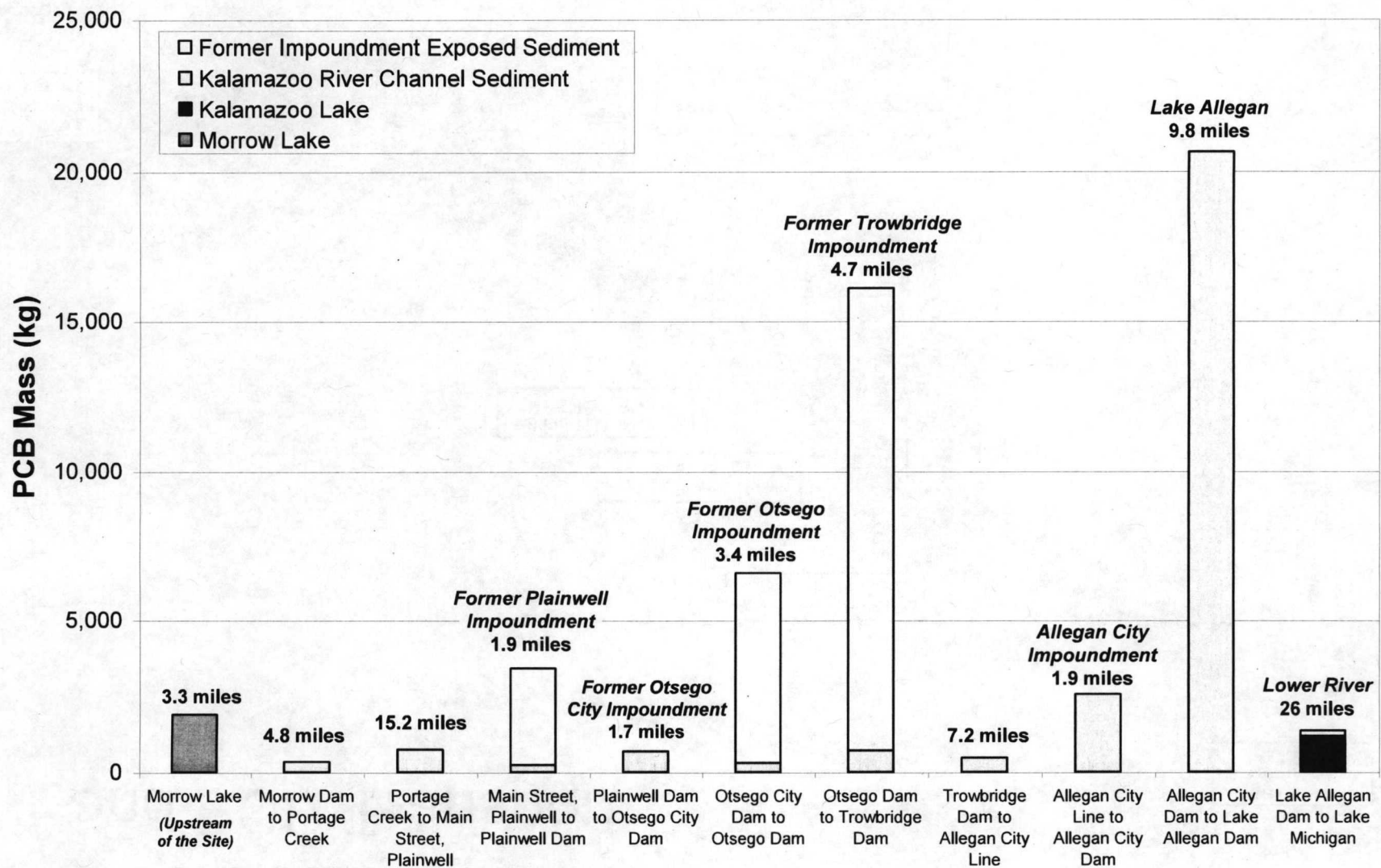


# Formerly Impounded Areas



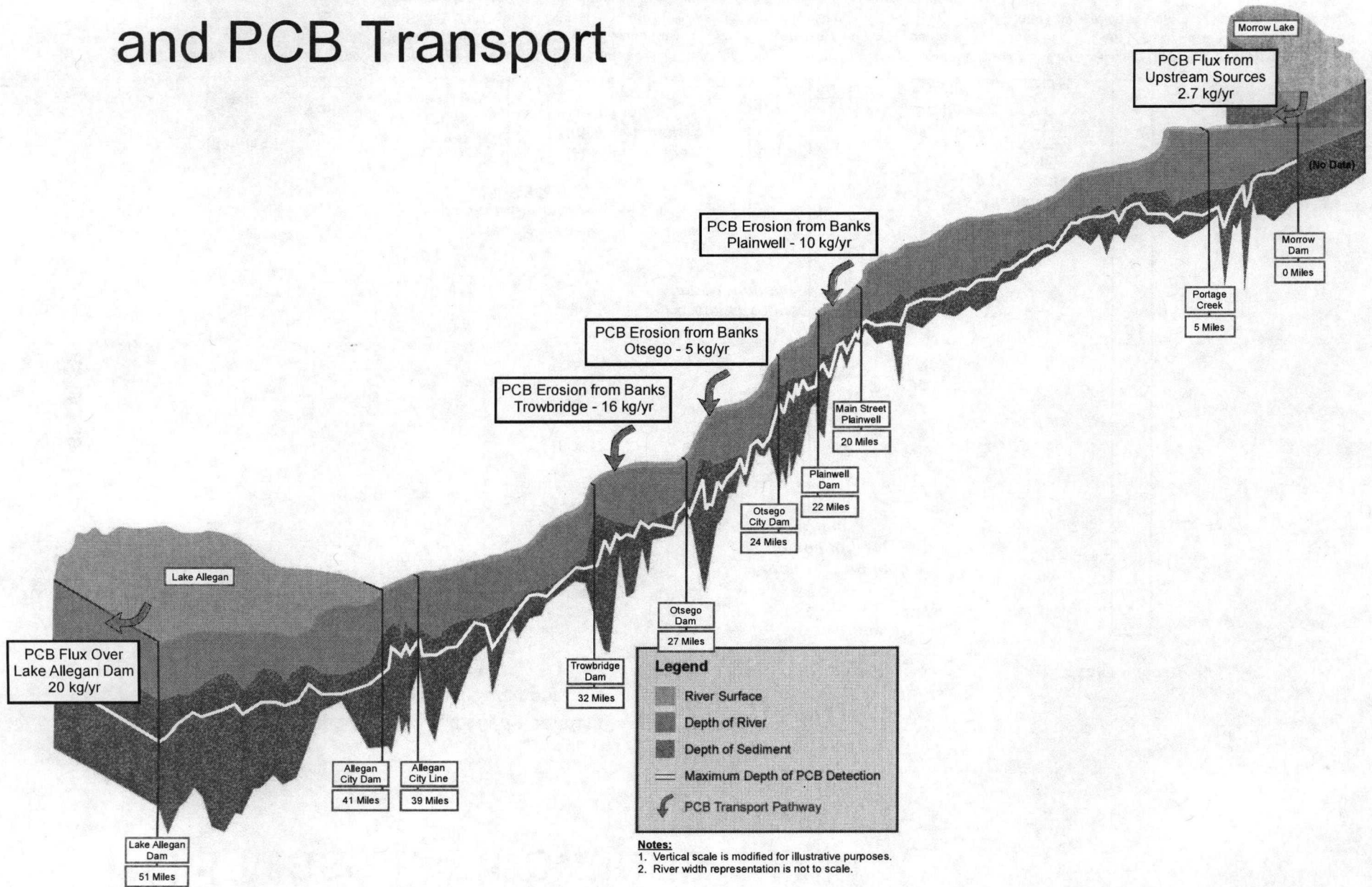
\* Diversion structure for Plainwell Mill Race – not an impounding dam

# PCB Mass Distributions

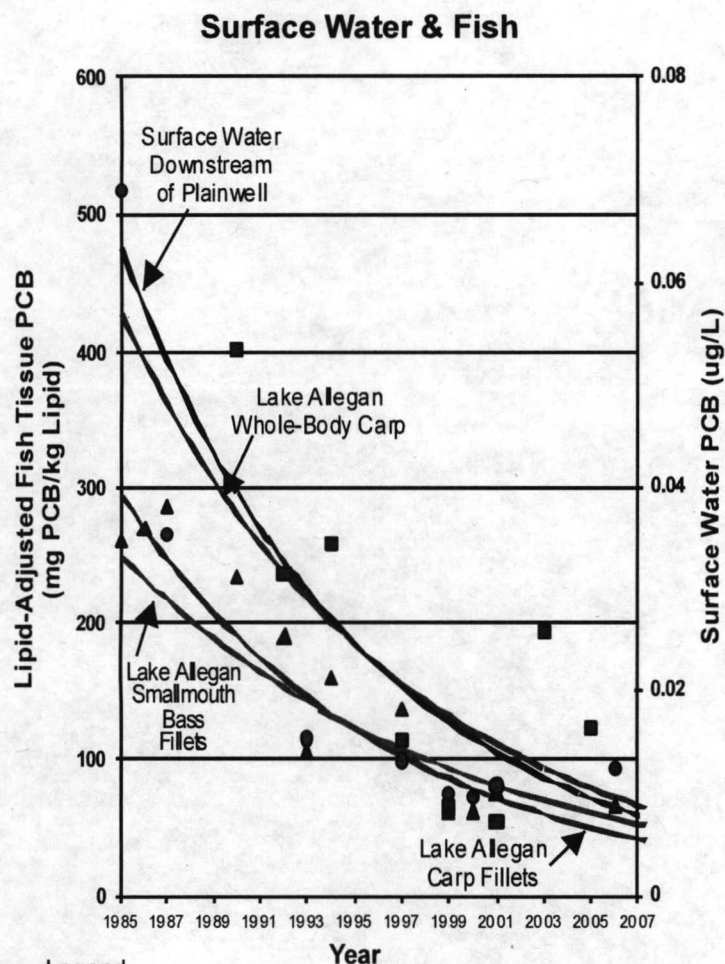




# PCB Source from Bank Erosion and PCB Transport

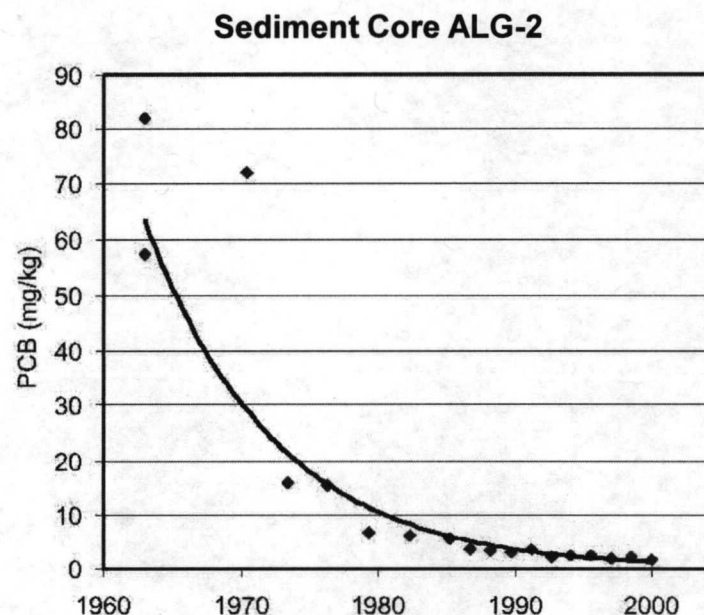


# PCB Concentration Time Series Data in Lake Allegan



## Legend

- Geometric Mean Lipid-Adjusted PCB Concentration in Whole Body Carp
- ▲ Geometric Mean Lipid-Adjusted PCB Concentration in Carp Fillets
- Geometric Mean Lipid-Adjusted PCB Concentration in Smallmouth Bass Fillets



## Notes:

1. Carp and smallmouth bass fillet data represent samples less than 22 inches long and less than 16 inches long, respectively, collected between 1985 and 2006.
2. Whole-body carp collected by MDEQ, 1990 to 2005.



# Remains of Former Impoundment Dams

Plainwell No. 2



Otsego City



Otsego



Trowbridge

